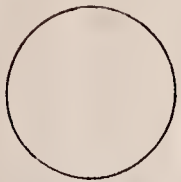


## PLANT SELECTION GUIDE/SITE PREFERENCE CHART FOR THE MASSACHUSETTS FRUITION PROGRAM

SYMBOLS:



full sun













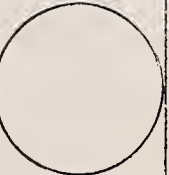





tolerates partial shade






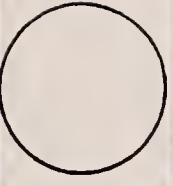




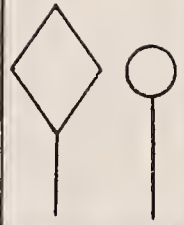


2 plants required  
for pollination2 varieties required  
for pollinationisolated plant  
will fruit

PLANT	SOIL	pH	SUN/SHADE	AIR DRAINAGE	WATER DRAINAGE	SLOPE	SPACING	POLLINATION	COMMENTS
dwarf apple and crabapple ( <u>Malus pumila</u> )	prefers sandy loam with compost or peat moss; tolerates wide range	5.5 to 6.5		avoid frost pockets or areas without free movement of air, but protect from strong winds	does not tolerate standing water around roots	best on north- or northeast-facing slope	10-12 ft.	 for good cross-poll.	many disease and insect problems; dwarves must be staked.
beach plum ( <u>Prunus maritima</u> )	very adaptable; tolerates poor sandy and heavy soils	5.5 to 7.5		not important; withstands temperature extremes and winds	requires well-drained site		6 ft.		adapts to extreme cold&heat; wind&salt tolerant--can grow near roads & sidewalks
high bush blueberry ( <u>Vaccinium Corymbosum</u> )	cool, moist soils; sandy loam is best; thrives on lots of humus, mulch and compost	4 to 5; 4.5 is ideal		avoid frost pockets or areas without free movement of air	grows in low spots; avoid dry sites	prefers north- or northeast-facing slope but does not require slope	4-8 ft. apart in rows		
brambles: red raspberry ( <u>Rubus</u> spp.)	pretty adaptable; production is best on heavily mulched, rich soils; supplement soils with compost or manure	5.5 to 7.5		protect from high winds	require well-drained soil; no standing water	north- or northeast-facing is best but not required	2-3 ft. apart in rows		fairly drought resistant; good thick-fence; plant away from garden--susceptible to verticill. wilt
cherry--bush and sour ( <u>Prunus</u> spp.)	tolerates wide range of soils if drainage is good; prefers sandy, humusy soil	6 to 8		good air drainage is very important to protect blossoms and fruit buds	requires well-drained site; will not tolerate standing water; will tolerate drought	best on slope to drain cold air	bush: 4-8 ft. sour: 15-18 ft.	 sour:	



PLANT	SOIL	pH	SUN/SHADE	AIR DRAINAGE	WATER DRAINAGE	SLOPE	SPACING	POLLINATION	COMMENTS
high bush cranberry ( <u>Viburnum</u> <u>trilobum</u> )	likes woodsy, humusy soil	6 to 7		not important; hardy	will stand moisture if roots are not standing in water	does not require slope	8 ft. for specimen; less for hedge		
elderberry ( <u>Sambucus</u> <u>canadensis</u> )	moist soil	6 to 8		not important; hardy	likes damp location	does not require slope	12 ft. for specimen; 6 ft. for hedge	  unless there are wild ones nearby	quite hardy and resistant to salt and other urban conditions
juneberry ( <u>Amelan-</u> <u>chier</u> spp.)	tolerant of poor soils; prefers moist, well-drained soils	5 to 7		not important; not susceptible to frost	tolerant of wet spots; not drought resis- tant	does not require slope	8 ft.		tolerant of salt, poor soil, urban con- ditions,
mulberry ( <u>Morus</u> spp.)	hardy, grows in any soil; prefers light, loamy soils	6 to 7.5	 prefers 	can take a windy spot	requires good drainage; resistant to drought	does not require slope	20-30 ft. for standard, 15 ft. for dwarf		wind; reliably resistant to salt, drought, and other urban conditions.
paw-paw ( <u>Asimina</u> <u>triloba</u> )	grows only in rich, fertile soil	6.5		not important; can live in frost pockets	moist site; tolerant of wet spots	does not require slope	15-20 ft.		fruits are edible but susceptible -e people have devel- oped a dermatitis from hand- ling; re- liably hardy only in E. MA
pear ( <u>Pyrus</u> <u>communis</u> )	ideal soil is well-drained clay loam at least 4 ft. deep	6.5 is ideal		needs air circu- lation; avoid frost pockets	likes well- drained site; will not tolerate wet feet	best on protected slope-- N- or E- facing	20 ft. for standard; 12-15 ft. for dwarf		windswept hilltops and low valleys not suitable
quince ( <u>Cydonia</u> <u>oblonga</u> )	tolerates wide range of soils; well-drained moisture- retentive soil is best	6.5 is ideal		avoid frost pockets	well-drained moisture- retentive soil is best	best on N- or E- facing slope	10-12 ft. for dwarf		needs long season; in Bos. fruit must be harvested before fully ripe



PLANT	SOIL	pH	SUN/SHADE	AIR DRAINAGE	WATER DRAINAGE	SLOPE	SPACING	POLLINATION	COMMENTS
rugosa rosa ( <u>Rosa rugosa</u> )	grows on any soil; grows best on acid soil with good drainage	6 to 7		needs good air circulation	likes good drainage; will tolerate drought		6 ft. for specimen; 2 ft. for hedge		tolerates hi salt content; can grow near roads & sidewalks
hardy kiwi ( <u>Actinidia arguta</u> )	grows in any type soil	w r l a d n e g e		shouldn't be a problem	probably not tolerant of poorly drained sites	not important	allow 13 ft. diameter for each plant	requires male and female plants, ratio of 1 M: 4 F	needs pruning, something to climb on
autumn olive ( <u>Elaeagnus umbellata</u> )	thrives in low-fertility, acid loamy and sandy soils			not important--hardy	likes drainage; very drought tolerant	does not require slope	6 ft. for hedge; 12 ft. for specimen		an excellent soil conserv. plant; N-fixer; very salt tolerant
black walnut ( <u>Juglans nigra</u> )	deep, fertile well-drained soils	6 to 7		requires good air drainage; of the nuts, blk. walnut is least sensitive to frost	needs moist but well-drained spot	base of N-facing slope is best	50 ft. for specimen; 12 ft. as thicket or screen		
butternut ( <u>Juglans cinerea</u> )	deep, moist soil	6 to 7		requires good air drainage	needs moisture; tolerates wet spots	base of N-facing slope is best	25-30 ft.	 recommended	
chinese chestnut ( <u>Castanea mollissima</u> )	well-drained sandy or gravelly soil with compost or peat moss worked in	5.5 to 6.5		avoid frost pockets	need moist site but good drainage; will not tolerate standing water; will not tolerate drought	best on N- or NE-facing slope to delay blossoming	30-50 ft.		must be well mulched first few years
grape ( <u>Vitis</u> spp.)	prefers well-drained loam with good organic matter	6.0 to 8.0		good air circulation reduces disease problems	good drainage is essential	south-facing is best	8 ft.		need a trellis

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